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CITE CIA/IAS-0224.

THE FOLLOWING IS FROM THE CIA/IMAGERY ANALYSIS STAFF:

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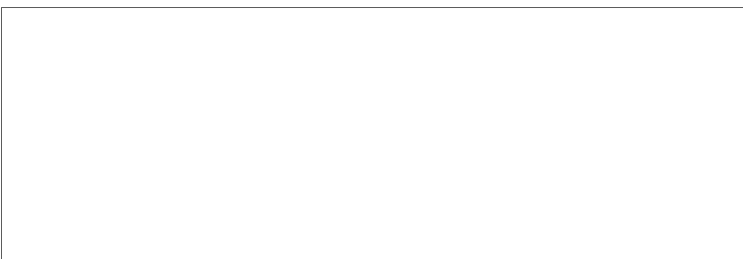
NGA review(s) completed.

1. RECENT PHOTOGRAPHIC ANALYSIS OF THE EXTERNAL ELECTRIC POWER SOURCES AVAILABLE FOR THE TALLINN PROBABLE LONG RANGE SAM COMPLEX NEAR TALLINN, USSR REVEALS THAT THE LAUNCH COMPLEX, AS WELL AS THE ASSOCIATED AIR WARNING RADAR FACILITY IS CONNECTED BY UNDERGROUND CABLE WITH AN ELECTRICAL SUBSTATION LOCATED APPROXIMATELY 6.4 NM SOUTH-SOUTHEAST OF THE LAUNCH COMPLEX AT 59-18N 24-26E.

2. DETAILED ANALYSIS OF THE SUBSTATION INDICATES THAT IT IS PROBABLY A 110 KV SWITCHING AND STEPDOWN SUBSTATION, WITH FOUR INCOMING, THREE-PHASE 110 KV CIRCUITS. ONE OF THESE CIRCUITS IS BEING STEPPED DOWN TO 6 OR 10 KV, AND REPRESENTS THE SOLE EXTERNAL SOURCE OF ELECTRICAL POWER AVAILABLE TO THE PROBABLE LONG RANGE SAM COMPLEX, AND ASSOCIATED RADARS.

3. COMPARISON OF THE STEPDOWN TRANSFORMERS, WITH KNOWN SOVIET DESIGNS INDICATES A CAPACITY IN THE RANGE OF 5-15 MEGAVOLT-AMPERES EACH, THUS GIVING THE PROBABLE LONG RANGE SAM COMPLEX, INCLUDING FIVE TRACKING/GUIDANCE RADARS AND AN ASSOCIATED BACKNET/SIDENET AIR WARNING RADAR FACILITY, A MAXIMUM POWER AVAILABLE FROM OUTSIDE SOURCES, OF 30 MEGAWATTS.

4. ANALYSIS IS CURRENTLY UNDERWAY AT THE LENINGRAD, KOSTROMA, CHEREPOVETS AND LIEPAJA PROBABLE LONG RANGE SAM COMPLEXES TO DETERMINE THE EXTENT OF THE SUPPORTING ELECTRIC POWER FACILITIES.



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S/C NOTE: ALSO